BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Constructions of Cross Drains in Sahakarnagar A Block in Ward no 07 Byatarayanapura

Estimate Cost Rs. 20.00 Lakhs

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2014-15								
	C.D.1	Cum	1	12.00	2.00	0.90	21.60		
	Rcc Drain		1	285.00	2.00	0.90	513.00		
							534.60	176.04	**94111.00**
	Basic Rate	163.00							
	@ 8%	13.04							
	Total	**176.04**							
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.2) SR-2014-15								
	C.D.1	Cum	1	12.00	2.00	0.15	3.60		
	Rcc Drain		1	285.00	2.00	0.15	85.50		
							89.10	5064.12	**451213.00**
	Basic Rate	4689.00							
	@ 8%	375.12							
	Total	**5064.12**							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 23, I.No. 5.6) SR-2014-15								
	C.D.1	Cum	1	12.00	2.00	0.60	14.40		
							14.40	3836.16	**55241.00**
	Basic Rate	3552.00							
	@ 8%	284.16		3836.16					
	Total	**3836.16**							
4	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P 15, I.No 4.28) SR-2014-15								
	C.D.1	Sqm	1	12.00	2.00		24.00		
	Side		1	12.00	2.00		24.00		
			1	12.00	2.00		24.00		
	Rcc Drain		4	285.00	0.75		855.00		
							927.00	236.52	**219254.00**
	Basic Rate	219.00							
	@ 8%	17.52							
	Total	**236.52**							
5	KProviding and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-3320Kg/cum) (P. 18, I.No. 4.49.1) SR-2014-15								

	C.D.1	Cum	1	12.00	2.00	0.30	7.20		
	Rcc Drain		2	285.00	0.75	0.12	51.30		
	Bed Slope		1	285.00	0.60	0.10	17.10		
	Covering Slab		1	285.00	1.20	0.10	34.20		
							109.80	5847.12	**642014.00**
	Basic Rate	5414.00							
	@ 8%	433.12							
	Total	**5847.12**							
6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per								
			109.80	60.00			**6588.00**		
							6.50	78351.84	**509287.00**
	Basic Rate	72548.00							
	@ 8%	5803.84							
	Total	**78351.84**							
7	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.109.I.No. 15.3) SR-2014-15								
	C.D.1	Sqm	2	15.00		0.60	18.00		
							18.00	91.80	**1652.00**
	Basic Rate	85.00							
	@ 8%	6.80							
	Total	**91.80**							
	sub total								1972772.00
B	Third party inspection charges 1%								19727.72
A	Miscellaneous								7500.28
				Total					2000000.00

Administrative sanction for Rs 20.00 L

Twenty lakhs only

P-1771

Registered as EE No: 3/9 Subject to conditions contained enclosed memo.

No: ..... / ..... Dt. .....

AE/JE EE (BTP. Div.)

(Rupees Twenty Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Junior Engineer

D.K. madhusudhan
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs....

Rupees 20.00 Lks

Twenty lakhs only

Under

P-1771

Registered as EE ( ) No 3/9

Subject to conditions contained in enclosed memo EE ( ) No /9/

Dt Estimate A/Sanctioned

Adc/4Lk/AS/No 1140/14-15

dated Rs 20.00 Lks

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92

Issued 20.00 L

Twenty lakhs only

P-1771

Registered as EE ( ) No 3/9 dated 29/10/14 Subject to conditions contained enclosed memo.

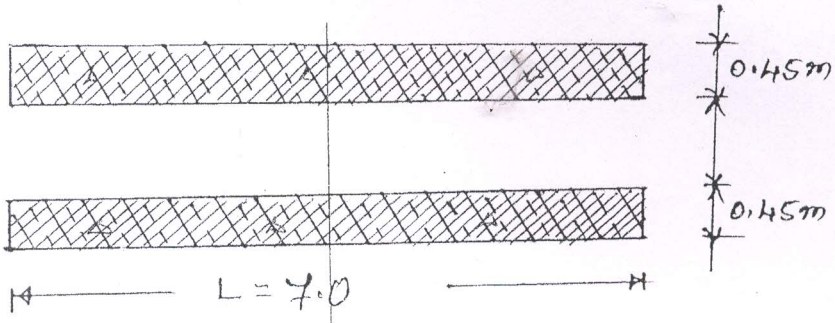
No. TS/EE/118/14-15 Dt. 29/10/14

AE/JE EE (BTP. Div.)

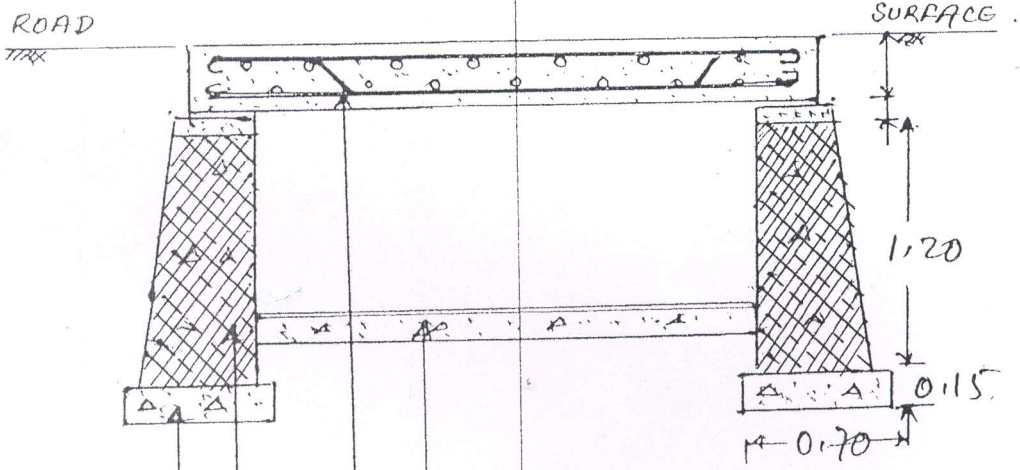
NAME OF WORKS. CONSTRUCTION OF ~~RCC~~ CULVERTS @ Roads @

NOT-TO-SCALE

All dimentions are in meter



PLAN



→ CC BED SLOPE CONCRETE 10CMS THICK.

→ RCC DUCK SLAB CMS THICK.

→ RCC SIDE WALLS.

→ CC BED FOR BODY WALL 15CMS THICK.

SECTION

D. K. Madhusudhan

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